



# Aircraft movements statistics

Transport Canada

TP 1496

Catalogue no. 51F0001PIE, is available on Internet for free  
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## Aircraft Movement Statistics September 2002 (Preliminary)

### Airports with NAV CANADA Air Traffic Control Towers

The data in this bulletin represent preliminary monthly statistics for airports with NAV CANADA air traffic control towers. Historical issues of this bulletin are available on-line at <http://www.tc.gc.ca/pol/en/Report/TP1496/tp1496.htm>

In September 2002, the 43 towered airports reported 424,036 total movements, an increase of 6.3% compared to the data reported by the same airports a year earlier. Itinerant movements made up 67% of the total activity, while local traffic stood at 33%.

In September 2002, the top five reporting airports were: Toronto/LB Pearson Intl, Vancouver Intl, Calgary Intl, Boundary Bay and Montréal/Dorval Intl.

More detailed statistics for airports with NAV CANADA air traffic control towers and flight service stations will be released in the Aircraft Movement Statistics monthly report (TP141 - Volume 1). Statistics for airports without air traffic control towers will appear in TP 141 – Volume 2. Upon release, the TP141 reports are available (free) on-line at <http://www.tc.gc.ca/pol/en/Report/tp141e/tp141.htm>

For further information concerning this bulletin, please contact Aviation Statistics Centre, Statistics Canada (1-866-500-8400). Internet: [aviationstatistics@statcan.ca](mailto:aviationstatistics@statcan.ca)

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### Note of Appreciation

Canada owes the success of its statistical system to a long-standing partnership between Statistics Canada, the citizens of Canada, its businesses and governments. Accurate and timely statistical information could not be produced without their continued cooperation and goodwill.

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**Aircraft Movement by Class of Operation - September - Preliminary, Airports with NAV Canada Towers**

Airports	2001 Total	2002 Total	% change 2002 / 2001	2002 Itinerant	2002 Local
Abbotsford	9,053	12,708	40.4	5,170	7,538
Boundary Bay	16,140	18,277	13.2	7,035	11,242
Calgary International	17,986	18,374	2.2	17,861	513
Calgary/Springbank	13,116	11,040	-15.8	5,290	5,750
Chicoutimi/St-Honoré	8,392	13,420	59.9	3,141	10,279
Edmonton City Centre	8,076	8,014	-0.8	6,864	1,150
Edmonton International	7,788	8,578	10.1	7,524	1,054
Edmonton/Villeneuve	6,409	6,518	1.7	1,204	5,314
Gander International	5,001	3,302	-34.0	2,482	820
Halifax International	7,427	7,817	5.3	6,967	850
Hamilton	9,452	10,432	10.4	5,306	5,126
Kelowna	6,834	6,426	-6.0	4,136	2,290
Langley	7,463	7,414	-0.7	3,278	4,136
London	9,481	10,075	6.3	5,775	4,300
Moncton	5,155	5,590	8.4	4,000	1,590
Montréal/Dorval International	15,160	17,147	13.1	17,147	0
Montréal/Mirabel International	3,417	3,793	11.0	3,086	707
Montréal/St-Hubert	16,595	16,908	1.9	8,263	8,645
Oshawa	6,193	7,390	19.3	3,434	3,956
Ottawa/Macdonald-Cartier International	14,209	14,968	5.3	10,894	4,074
Pitt Meadows	8,052	6,649	-17.4	2,867	3,782
Prince George	4,405	3,460	-21.5	2,340	1,120
Québec/Jean Lesage International	12,400	11,431	-7.8	8,548	2,883
Regina	5,027	5,407	7.6	3,469	1,938
Saskatoon/JG Diefenbaker	7,933	6,633	-16.4	4,497	2,136
Sault Ste. Marie	3,783	5,491	45.1	2,695	2,796
Sept-Îles	2,458	2,033	-17.3	1,922	111
St. John's	4,491	4,731	5.3	3,777	954
St-Jean	1,942	3,394	74.8	2,179	1,215
Sudbury	6,146	6,621	7.7	3,641	2,980
Thunder Bay	8,692	7,440	-14.4	4,674	2,766
Toronto/Buttonville Municipal	14,392	15,266	6.1	7,978	7,288
Toronto/City Centre	10,870	11,652	7.2	5,366	6,286
Toronto/LB Pearson International	30,306	33,130	9.3	33,130	0
Vancouver Harbour	5,672	8,045	41.8	5,693	2,352
Vancouver International	24,453	26,121	6.8	26,119	2
Victoria International	13,043	14,603	12.0	8,714	5,889
Waterloo Regional	11,330	12,578	11.0	5,400	7,178
Whitehorse	2,725	2,260	-17.1	1,528	732
Windsor	2,230	3,542	58.8	2,268	1,274
Winnipeg International	12,149	13,472	10.9	10,940	2,532
Winnipeg/St. Andrews	8,219	7,569	-7.9	2,525	5,044
Yellowknife	4,555	4,317	-5.2	3,257	1,060
<b>Total (43)</b>	<b>398,620</b>	<b>424,036</b>	<b>6.4</b>	<b>282,384</b>	<b>141,652</b>

## Data Source and Methodology

Aircraft Movement Statistics are accumulated from data originating with air traffic control tower units. Because staff in these units are highly trained in factual observation and actual reporting, the entries into the data base are of a very high quality. To maintain uniformity in the reporting of source data, the Aviation Statistics Centre (ASC) issues air traffic control units with an "Air Traffic Designators" handbook (TP-143) showing the official Transport Canada aircraft type designators and the designators of various domestic and international air carriers. Data errors caused during transcription and transmission on the Nav Canada Aircraft Movement Statistics (NCAMS) network are identified as part of the built-in editing procedures. Furthermore, extensive editing cycles are part of the computer processing programs. All identified errors are manually corrected by ASC editing staff.

## Collection

The records are completed daily, based on a twenty-four hour clock running from zero hour to 23:59. The times recorded are Greenwich Mean Time (GMT); however, published statistics are shown in local times. The records are transmitted electronically to the Aviation Statistics Centre (ASC). The Aviation Statistics Centre maintains a data bank of current information on all registered aircraft. The storage of this information allows for a reduction in the reporting burden of the survey respondents and limits the element of human error associated with the preparation of source documents. The data in the bank include registered aircraft identifications and their corresponding aircraft types, gross take-off weights, types of power plant (piston, jet or turboprop); whether the aircraft are fixed wing, helicopters or gliders. The data also provide a basis for identifying type of flights (commercial, private and government) and the geographical area in which the flights take place. The data bank also includes an Airport Environmental file against which the airport category is checked; the reported runway is validated and the time difference between GMT and local is allocated.

## Symbols

- . not available for any reference period
- .. not available for a specific reference period
- ... not applicable
- P preliminary
- r revised
- x suppressed to meet the confidentiality requirements of the *Statistics Act*
- E use with caution
- F too unreliable to be published

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### Standards of service to the public

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